

# Young-Seuk Park

## List of Publications by Year in descending order

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154  
papers

4,126  
citations

117571

34  
h-index

138417

58  
g-index

158  
all docs

158  
docs citations

158  
times ranked

3321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution patterns and vulnerability of stoneflies (Plecoptera: Insecta) in South Korean streams with conservation perspectives. <i>Global Ecology and Conservation</i> , 2022, 34, e02030.	1.0	4
2	Validity evaluation of a machine-learning model for chlorophyll a retrieval using Sentinel-2 from inland and coastal waters. <i>Ecological Indicators</i> , 2022, 137, 108737.	2.6	22
3	Ant Mortality with Food Competition in Forests along a Temperature Gradient. <i>Insects</i> , 2022, 13, 392.	1.0	1
4	Simulating Pine Wilt Disease Dispersal With an Individual-Based Model Incorporating Individual Movement Patterns of Vector Beetles. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	1
5	Oak Decline Syndrome in Korean Forests: History, Biology, and Prospects for Korean Oak Wilt. <i>Forests</i> , 2022, 13, 964.	0.9	3
6	Effects of preservatives in pitfall traps for collecting arthropods: A comparison of ethylene glycol and five alternative preservatives. <i>Journal of Asia-Pacific Biodiversity</i> , 2022, 15, 541-546.	0.2	3
7	Predicting the Global Distribution of <i>Solenopsis geminata</i> (Hymenoptera: Formicidae) under Climate Change Using the MaxEnt Model. <i>Insects</i> , 2021, 12, 229.	1.0	25
8	Effects of Climate Change on the Occurrence of Two Fly Families (Phoridae and Lauxaniidae) in Korean Forests. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 71-77.	0.3	3
9	Influences of Forest Type and Fragmentation by a Road on Beetle Communities in the Gwangneung Forest, South Korea. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 61-70.	0.3	2
10	Comparison of Invasive Apple Snail ( <i>Pomacea canaliculata</i> ) Behaviors in Different Water Temperature Gradients. <i>Water (Switzerland)</i> , 2021, 13, 1149.	1.2	1
11	Habitat change has greater effects than climate change on butterfly occurrence in South Korea. <i>Global Ecology and Conservation</i> , 2021, 26, e01464.	1.0	6
12	Analysis of Food Resources of 20 Endangered Fishes in Freshwater Ecosystems of South Korea using Non-metric Multidimensional Scaling and Network Analysis. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 130-141.	0.3	0
13	Comparison of Benthic Macroinvertebrate Communities at Two Headwater Streams Located with Different Temperature Regions in South Korea. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 87-95.	0.3	2
14	Inverse Relationship of Hemiptera Richness with Temperature in South Korea. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 102-107.	0.3	2
15	An interpretable machine learning method for supporting ecosystem management: Application to species distribution models of freshwater macroinvertebrates. <i>Journal of Environmental Management</i> , 2021, 291, 112719.	3.8	37
16	Predicting potential occurrence of pine wilt disease based on environmental factors in South Korea using machine learning algorithms. <i>Ecological Informatics</i> , 2021, 64, 101378.	2.3	20
17	Differences of Gut Microbiota in the Freshwater Blackworm ( <i>Lumbriculus variegatus</i> : Oligochaeta) in Two Different Habitat Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10298.	1.2	2
18	Application and Utilization of Environmental DNA Technology for Biodiversity in Water Ecosystems. <i>Korean Journal of Ecology and Environment</i> , 2021, 54, 151-155.	0.3	2

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19	Review and Suggestions for Applying DNA Sequencing to Zooplankton Researches: from Taxonomic Approaches to Biological Interaction Analysis. Korean Journal of Ecology and Environment, 2021, 54, 156-169.	0.3	2
20	Patterns of Mekong Mollusc Biodiversity: Identification of Emerging Threats and Importance to Management and Livelihoods in a Region of Globally Significant Biodiversity and Endemism. Water (Switzerland), 2020, 12, 2619.	1.2	11
21	Key Determinants of Freshwater Gastropod Diversity and Distribution: The Implications for Conservation and Management. Water (Switzerland), 2020, 12, 1908.	1.2	16
22	Food Chains and Food Webs in Aquatic Ecosystems. Applied Sciences (Switzerland), 2020, 10, 5012.	1.3	8
23	Application of temporal self-organizing maps to patterning short-time series of fish behavior responding to environmental stress. Ecological Modelling, 2020, 433, 109242.	1.2	5
24	Spatial heterogeneities of human-mediated dispersal vectors accelerate the range expansion of invaders with source-destination-mediated dispersal. Scientific Reports, 2020, 10, 21410.	1.6	10
25	Habitat availability and environmental preference drive species range shifts in concordance with climate change. Diversity and Distributions, 2020, 26, 1343-1356.	1.9	5
26	Analyzing the Response Behavior of Lumbriculus variegatus (Oligochaeta: Lumbriculidae) to Different Concentrations of Copper Sulfate Based on Line Body Shape Detection and a Recurrent Self-Organizing Map. International Journal of Environmental Research and Public Health, 2020, 17, 2627.	1.2	6
27	Abundance and Distribution of Korean Flower Flies (Diptera: Syrphidae): Dominant Influence of Latitude on Regional Distribution. Insects, 2020, 11, 213.	1.0	2
28	Factors Affecting Distribution and Dispersal of <i>Pomacea canaliculata</i> in South Korea.. Korean Journal of Ecology and Environment, 2020, 53, 185-194.	0.3	2
29	Characterizing Responses of Biological Trait and Functional Diversity of Benthic Macroinvertebrates to Environmental Variables to Develop Aquatic Ecosystem Health Assessment Index.. Korean Journal of Ecology and Environment, 2020, 53, 31-45.	0.3	2
30	Changes of Ground-dwelling Arthropod Communities for 10 Years after Thinning in a <i>Pinus koraiensis</i> Plantation.. Korean Journal of Ecology and Environment, 2020, 53, 208-219.	0.3	1
31	Analysis of Food Resources of 45 Fish Species in Freshwater Ecosystems of South Korea (Based on) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18	0.3	1
32	A Comparative Study on the Information of Zooplankton Community Based on Towing Type and Depth in the Lake Ecosystems. Korean Journal of Ecology and Environment, 2020, 53, 365-373.	0.3	0
33	Impacts of Introduced Fishes (<i>Carassius cuvieri</i>, <i>Micropterus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18 Korea. Korean Journal of Ecology and Environment, 2020, 53, 241-254.	0.3	2
34	Occurrence Prediction of the Citrus Flatid Planthopper ( <i>Metcalfa pruinosa</i> (Say, 1830)) in South Korea Using a Random Forest Model. Forests, 2019, 10, 583.	0.9	18
35	Changes in Major Insect Pests of Pine Forests in Korea Over the Last 50 Years. Forests, 2019, 10, 692.	0.9	21
36	Monitoring, Assessment and Management of Forest Insect Pests and Diseases. Forests, 2019, 10, 865.	0.9	9

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37	Evaluation of precipitation impacts on benthic macroinvertebrate communities at three different stream types. <i>Ecological Indicators</i> , 2019, 102, 446-456.	2.6	13
38	Evaluation of Potential Distribution Area of the Red Swamp Crayfish (&lt;i>Procambarus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.3	8
39	Multivariate Data Analysis by Means of Self-Organizing Maps. , 2018, , 251-272.		7
40	Distribution Patterns of Odonate Assemblages in Relation to Environmental Variables in Streams of South Korea. <i>Insects</i> , 2018, 9, 152.	1.0	14
41	New records of 10 species of Pyraloidea (Lepidoptera: Pyralidae and Crambidae) in South Korea. <i>Journal of Asia-Pacific Biodiversity</i> , 2018, 11, 583-589.	0.2	0
42	Effects of Forest Management Practices on Moth Communities in a Japanese Larch ( <i>Larix kaempferi</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	11
43	Silver carp larva abundance in response to river flow rate revealed by cross-wavelet modelling. <i>Ecological Modelling</i> , 2018, 383, 98-105.	1.2	19
44	Distribution Patterns of Benthic Macroinvertebrates in Streams of Korea.. <i>Korean Journal of Ecology and Environment</i> , 2018, 51, 60-70.	0.3	9
45	Characteristics of Spatiotemporal Patterns in Benthic Macroinvertebrate Communities in Two Adjacent Headwater Streams.. <i>Korean Journal of Ecology and Environment</i> , 2018, 51, 192-203.	0.3	4
46	Effects of species prevalence on the performance of predictive models. <i>Ecological Modelling</i> , 2017, 354, 11-19.	1.2	31
47	Effects of biocontrol with an atyid shrimp ( <i>Caridina denticulata</i> ) and a bagrid catfish ( <i>Pseudobagrus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 T reservoir. <i>Paddy and Water Environment</i> , 2017, 15, 483-497.	1.0	5
48	Spatially explicit model applied to pine wilt disease dispersal based on host plant infestation. <i>Ecological Modelling</i> , 2017, 353, 54-62.	1.2	24
49	Distribution Patterns of the Freshwater Oligochaete <i>Limnodrilus hoffmeisteri</i> Influenced by Environmental Factors in Streams on a Korean Nationwide Scale. <i>Water (Switzerland)</i> , 2017, 9, 921.	1.2	8
50	Diversity and Distribution of Endemic Stream Insects on a Nationwide Scale, South Korea: Conservation Perspectives. <i>Water (Switzerland)</i> , 2017, 9, 833.	1.2	8
51	Dispersal Patterns of Pine Wilt Disease in the Early Stage of Its Invasion in South Korea. <i>Forests</i> , 2017, 8, 411.	0.9	25
52	Behavioral Response of <i>Tubifex tubifex</i> to Changes of Water Temperature and Substrate Composition.. <i>Korean Journal of Ecology and Environment</i> , 2017, 50, 355-361.	0.3	4
53	Environmental Factors Influencing on the Occurrence of Pine Wilt Disease in Korea.. <i>Korean Journal of Ecology and Environment</i> , 2017, 50, 374-380.	0.3	10
54	Structural dynamics in the host-parasitoid system of the pine needle gall midge ( <i>Thecodiplosis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.9	5

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55	Spatial Distribution of Benthic Macroinvertebrate Assemblages in Relation to Environmental Variables in Korean Nationwide Streams. <i>Water (Switzerland)</i> , 2016, 8, 27.	1.2	41
56	Aquatic ecosystem assessment and management. <i>Annales De Limnologie</i> , 2016, 52, 61-63.	0.6	5
57	Spatio-Temporal Variability in Benthic Macroinvertebrate Communities in Headwater Streams in South Korea. <i>Water (Switzerland)</i> , 2016, 8, 99.	1.2	11
58	Effects of Land Use Types on Community Structure Patterns of Benthic Macroinvertebrates in Streams of Urban Areas in the South of the Korea Peninsula. <i>Water (Switzerland)</i> , 2016, 8, 187.	1.2	16
59	Ecological Monitoring, Assessment, and Management in Freshwater Systems. <i>Water (Switzerland)</i> , 2016, 8, 324.	1.2	12
60	Responses of the functional diversity of benthic macroinvertebrates to floods and droughts in small streams with different flow permanence. <i>Inland Waters</i> , 2016, 6, 461-475.	1.1	13
61	Preface to the special topic on monsoon influences on river and lake environments in Asia. <i>Inland Waters</i> , 2016, 6, 393-394.	1.1	0
62	Basin-specific effect of global warming on endemic riverine fish in Korea. <i>Annales De Limnologie</i> , 2016, 52, 171-186.	0.6	9
63	The impact of the Goesan dam on fish communities up- and downstream. <i>Annales De Limnologie</i> , 2016, 52, 151-162.	0.6	6
64	Changes of soil arthropod communities in temperate forests over 10 years (1998–2007). <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 181-189.	0.4	7
65	Fatty acid biomarkers to verify cyanobacteria feeding abilities of herbivorous consumers. <i>Journal of Freshwater Ecology</i> , 2016, 31, 77-91.	0.5	11
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73	Modeling behavior control of golden apple snails at different temperatures. <i>Ecological Modelling</i> , 2015, 306, 86-94.	1.2	12
74	Characterizing the effects of temperature on behavioral periodicity in golden apple snails ( <i>Pomacea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	8
75	Hazard rating of coastal pine forests for a black pine bast scale using self-organizing map (SOM) and random forest approaches. <i>Ecological Informatics</i> , 2015, 29, 206-213.	2.3	11
76	Editorial: Ecosystem assessment and management. <i>Ecological Informatics</i> , 2015, 29, 93-95.	2.3	5
77	Changes of Heavy Metals in Pollutant Release and Transfer Registers (PRTs) in Korea. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 2381-2394.	1.2	5
78	Characterizing differential responses of benthic macroinvertebrate communities to floods and droughts in three different stream types using a Self-Organizing Map. <i>Ecohydrology</i> , 2014, 7, 115-126.	1.1	22
79	Biological early warning system based on the responses of aquatic organisms to disturbances: A review. <i>Science of the Total Environment</i> , 2014, 466-467, 635-649.	3.9	169
80	Potential Impacts of Global Warming on the Diversity and Distribution of Stream Insects in South Korea. <i>Conservation Biology</i> , 2014, 28, 498-508.	2.4	42
81	Characterizing effects of landscape and morphometric factors on water quality of reservoirs using a self-organizing map. <i>Environmental Modelling and Software</i> , 2014, 55, 214-221.	1.9	80
82	Concordance of diatom, macroinvertebrate and fish assemblages in streams at nested spatial scales: Implications for ecological integrity. <i>Ecological Indicators</i> , 2014, 47, 89-101.	2.6	42
83	Characterizing Changes of Water Quality and Relationships with Environmental Factors in the Selected Korean Reservoirs.. <i>Korean Journal of Ecology and Environment</i> , 2014, 47, 146-159.	0.3	6
84	Characterization of Ecological Exergy Based on Benthic Macroinvertebrates in Lotic Ecosystems. <i>Entropy</i> , 2013, 15, 2319-2339.	1.1	6
85	The application of Artificial Neural Network (ANN) model to the simulation of denitrification rates in mesocosm-scale wetlands. <i>Ecological Informatics</i> , 2013, 16, 10-16.	2.3	23
86	Temperature change and macroinvertebrate biodiversity: assessments of organism vulnerability and potential distributions. <i>Climatic Change</i> , 2013, 119, 421-434.	1.7	39
87	Ecological exergy as an indicator of land-use impacts on functional guilds in river ecosystems. <i>Ecological Modelling</i> , 2013, 252, 53-62.	1.2	14
88	Hazard ratings of pine forests to a pine wilt disease at two spatial scales (individual trees and stands) using self-organizing map and random forest. <i>Ecological Informatics</i> , 2013, 13, 40-46.	2.3	44
89	Application of a Kohonen's self-organizing map for evaluation of long-term changes in forest vegetation. <i>Journal of Vegetation Science</i> , 2013, 24, 405-414.	1.1	11
90	Evaluation of global warming effects on the geographical distribution of weeds in paddy fields by characterizing germination time and morphological factors. <i>Ecological Informatics</i> , 2013, 17, 94-103.	2.3	6

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91	Evaluation of subsampling efforts in estimating community indices and community structures. <i>Ecological Informatics</i> , 2013, 17, 3-13.	2.3	6
92	ANALYSIS OF MOVEMENT BEHAVIOR OF ZEBRAFISH ( <i>DANIO RERIO</i> ) UNDER CHEMICAL STRESS USING HIDDEN MARKOV MODEL. <i>Modern Physics Letters B</i> , 2013, 27, 1350014.	1.0	14
93	Response of Fish Communities to Various Environmental Variables across Multiple Spatial Scales. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 3629-3653.	1.2	25
94	Relationships between stream macroinvertebrates and environmental variables at multiple spatial scales. <i>Freshwater Biology</i> , 2012, 57, 2107-2124.	1.2	63
95	Habitat characteristics and trophic structure of benthic macroinvertebrates in a forested headwater stream. <i>Journal of Asia-Pacific Entomology</i> , 2012, 15, 495-505.	0.4	6
96	Effects of meteorological factors and global warming on rice insect pests in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2012, 15, 507-515.	0.4	16
97	Evaluation of Changes in Effluent Quality from Industrial Complexes on the Korean Nationwide Scale Using a Self-Organizing Map. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 1182-1200.	1.2	16
98	Computational analysis of movement behaviors of medaka ( <i>Oryzias latipes</i> ) in response to chemical and thermal stressors. <i>Journal of the Korean Physical Society</i> , 2012, 60, 570-575.	0.3	3
99	Dispersal patterns of exotic forest pests in South Korea. <i>Insect Science</i> , 2012, 19, 535-548.	1.5	35
100	Effects of Global Warming on the Distribution of Overwintering <i>Pomacea canaliculata</i> (Gastropoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	7
101	Decision support systems for the management of hazardous materials in aquatic ecosystems. <i>Journal of Ecology and Environment</i> , 2012, 35, 251-258.	1.6	0
102	Relationships between three major stream assemblages and their environmental factors in multiple spatial scales. <i>Annales De Limnologie</i> , 2011, 47, S91-S105.	0.6	46
103	Ecological monitoring, assessment, and restoration of running waters in Korea. <i>Annales De Limnologie</i> , 2011, 47, S1-S2.	0.6	4
104	EVALUATION OF ENVIRONMENTAL FACTORS ON CYANOBACTERIAL BLOOM IN EUTROPHIC RESERVOIR USING ARTIFICIAL NEURAL NETWORKS1. <i>Journal of Phycology</i> , 2011, 47, 495-504.	1.0	36
105	Geographical variation in the population dynamics of <i>Thecodiplosis japonensis</i> : causes and effects on spatial synchrony. <i>Population Ecology</i> , 2011, 53, 429-439.	0.7	9
106	Changes in voltinism in a pine moth <i>Dendrolimus spectabilis</i> (Lepidoptera: Lasiocampidae) population: implications of climate change. <i>Applied Entomology and Zoology</i> , 2011, 46, 319-325.	0.6	14
107	Ecological informatics approach to screening of integrity metrics based on benthic macroinvertebrates in streams. <i>Annales De Limnologie</i> , 2011, 47, S51-S62.	0.6	6
108	Seasonal changes of functional groups in coleopteran communities in pine forests. <i>Biodiversity and Conservation</i> , 2010, 19, 2291-2305.	1.2	16

#	ARTICLE	IF	CITATIONS
109	Control of Algal Scum Using Top-Down Biomanipulation Approaches and Ecosystem Health Assessments for Efficient Reservoir Management. <i>Water, Air, and Soil Pollution</i> , 2010, 205, 3-24.	1.1	13
110	Species abundance distribution of benthic chironomids and other macroinvertebrates across different levels of pollution in streams. <i>Annales De Limnologie</i> , 2010, 46, 53-66.	0.6	24
111	Effects of heavy metals on benthic macroinvertebrate communities in high mountain streams. <i>Annales De Limnologie</i> , 2010, 46, 291-302.	0.6	40
112	What do artificial neural networks tell us about the genetic structure of populations? The example of European pig populations. <i>Genetical Research</i> , 2009, 91, 121-132.	0.3	10
113	Characterizing habitat preference of Eurasian river otter ( <i>Lutra lutra</i> ) in streams using a self-organizing map. <i>Limnology</i> , 2009, 10, 203-213.	0.8	13
114	Review of the Self-Organizing Map (SOM) approach in water resources: Commentary. <i>Environmental Modelling and Software</i> , 2009, 24, 945-947.	1.9	181
115	Changes in Benthic Macroinvertebrate Communities in Response to Natural Disturbances in a Stream. <i>Journal of Ecology and Environment</i> , 2009, 32, 197-206.	1.6	3
116	Analysis of multitrophic plankton assemblages in the Lagoon of Venice. <i>Marine Ecology - Progress Series</i> , 2008, 368, 23-40.	0.9	36
117	Evaluation of Environmental Factors to Determine the Distribution of Functional Feeding Groups of Benthic Macroinvertebrates Using an Artificial Neural Network. <i>Journal of Ecology and Environment</i> , 2008, 31, 233-241.	1.6	9
118	Fish assemblages in the large lowland Narew River system (Poland): Application of the self-organizing map algorithm. <i>Ecological Modelling</i> , 2007, 203, 45-61.	1.2	35
119	Collembolan communities in a peat bog versus surrounding forest analyzed by using self-organizing map. <i>Ecological Modelling</i> , 2007, 203, 9-17.	1.2	19
120	Predicting diatom reference communities at the French hydrosystem scale: A first step towards the definition of the good ecological status. <i>Ecological Modelling</i> , 2007, 203, 99-108.	1.2	30
121	Patterning long-term changes of fish community in large shallow Lake Peipsi. <i>Ecological Modelling</i> , 2007, 203, 34-44.	1.2	46
122	Community patterning and identification of predominant factors in algal bloom in Daechung Reservoir (Korea) using artificial neural networks. <i>Ecological Modelling</i> , 2007, 203, 109-118.	1.2	49
123	Range expansion of forest pest populations by using the lattice model. <i>Ecological Modelling</i> , 2007, 203, 157-166.	1.2	16
124	Community patterns of benthic macroinvertebrates collected on the national scale in Korea. <i>Ecological Modelling</i> , 2007, 203, 26-33.	1.2	62
125	Biologically-inspired machine learning implemented to ecological informatics. <i>Ecological Modelling</i> , 2007, 203, 1-7.	1.2	24
126	Sensitivity analysis and stability patterns of two-species pest models using artificial neural networks. <i>Ecological Modelling</i> , 2007, 204, 427-438.	1.2	20



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127	Characterization of benthic macroinvertebrate communities in a restored stream by using self-organizing map. <i>Ecological Informatics</i> , 2006, 1, 295-305.	2.3	20
128	Application of a self-organizing map to select representative species in multivariate analysis: A case study determining diatom distribution patterns across France. <i>Ecological Informatics</i> , 2006, 1, 247-257.	2.3	100
129	Evaluation of environmental factors to predict breeding success of Black-tailed Gulls. <i>Ecological Informatics</i> , 2006, 1, 331-339.	2.3	5
130	Diatom reference communities in QuÃ©bec (Canada) streams based on Kohonen self-organizing maps and multivariate analyses. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 2087-2106.	0.7	37
131	Hazard rating of pine trees from a forest insect pest using artificial neural networks. <i>Forest Ecology and Management</i> , 2006, 222, 222-233.	1.4	47
132	Encounter rate between local populations shapes host selection in complex parasite life cycle. <i>Biological Journal of the Linnean Society</i> , 2006, 89, 99-106.	0.7	13
133	Patterning exergy of benthic macroinvertebrate communities using self-organizing maps. <i>Ecological Modelling</i> , 2006, 195, 105-113.	1.2	26
134	Stream fish assemblages and basin land cover in a river network. <i>Science of the Total Environment</i> , 2006, 365, 140-153.	3.9	51
135	Effects of aerial insecticide sprays on ant communities to control pine wilt disease in Korean pine forests. <i>Applied Entomology and Zoology</i> , 2005, 40, 563-574.	0.6	31
136	Nested patterns of spatial diversity revealed for fish assemblages in a west European river. <i>Ecology of Freshwater Fish</i> , 2005, 14, 233-242.	0.7	41
137	Simulation Modeling of Twospotted Spider Mite Population Dynamics in Apple and Pear Orchards in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2005, 8, 285-290.	0.4	15
138	Typology of diatom communities and the influence of hydro-ecoregions: A study on the French hydrosystem scale. <i>Water Research</i> , 2005, 39, 3177-3188.	5.3	89
139	Computational characterization of behavioral response of medaka ( <i>Oryzias latipes</i> ) treated with diazinon. <i>Aquatic Toxicology</i> , 2005, 71, 215-228.	1.9	60
140	Hierarchical community classification and assessment of aquatic ecosystems using artificial neural networks. <i>Science of the Total Environment</i> , 2004, 327, 105-122.	3.9	134
141	Water quality assessment using diatom assemblages and advanced modelling techniques. <i>Freshwater Biology</i> , 2004, 49, 208-220.	1.2	70
142	Implementation of computational methods to pattern recognition of movement behavior of <i>Blattella germanica</i> (Blattaria: Blattellidae) treated with Ca <sup>2+</sup> signal inducing chemicals. <i>Applied Entomology and Zoology</i> , 2004, 39, 79-96.	0.6	32
143	Applications of artificial neural networks for patterning and predicting aquatic insect species richness in running waters. <i>Ecological Modelling</i> , 2003, 160, 265-280.	1.2	346
144	Modelling the factors that influence fish guilds composition using a back-propagation network: Assessment of metrics for indices of biotic integrity. <i>Ecological Modelling</i> , 2003, 160, 281-290.	1.2	44

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145	Conservation Strategies for Endemic Fish Species Threatened by the Three Gorges Dam. <i>Conservation Biology</i> , 2003, 17, 1748-1758.	2.4	197
146	Predicting the species richness of aquatic insects in streams using a limited number of environmental variables. <i>Journal of the North American Benthological Society</i> , 2003, 22, 442-456.	3.0	71
147	Patterning and predicting aquatic macroinvertebrate diversities using artificial neural network. <i>Water Research</i> , 2003, 37, 1749-1758.	5.3	61
148	Implementation of artificial neural networks in patterning and prediction of exergy in response to temporal dynamics of benthic macroinvertebrate communities in streams. <i>Ecological Modelling</i> , 2001, 146, 143-157.	1.2	51
149	Patterning and short-term predictions of benthic macroinvertebrate community dynamics by using a recurrent artificial neural network. <i>Ecological Modelling</i> , 2001, 146, 181-193.	1.2	40
150	Relational Patterning on Different Hierarchical Levels in Communities of Benthic Macroinvertebrates in an Urbanized Stream Using an Artificial Neural Network. <i>Journal of Asia-Pacific Entomology</i> , 2001, 4, 131-141.	0.4	2
151	Determining temporal pattern of community dynamics by using unsupervised learning algorithms. <i>Ecological Modelling</i> , 2000, 132, 151-166.	1.2	52
152	Use of an Artificial Neural Network to Predict Population Dynamics of the Forestâ€Pest Pine Needle Gall Midge (Diptera: Cecidomyiida). <i>Environmental Entomology</i> , 2000, 29, 1208-1215.	0.7	20
153	Activity of the German Cockroach, <i>Blattella germanica</i> (L.) (Orthoptera: Blattellidae), at Different Microhabitats in Semi-natural Conditions when Treated with Sublethal Doses of Chlorpyrifos and Permethrin*. <i>Journal of Asia-Pacific Entomology</i> , 1998, 1, 99-107.	0.4	8
154	Patterning communities by using an artificial neural network. <i>Ecological Modelling</i> , 1996, 90, 69-78.	1.2	273